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## (54) PROGRAMMABLE ROM

## (57) Abstract:

PURPOSE: To improve particularly the electrostatic withstanding capacity of a programmable ROM with respect to a programmable ROM which uses a group of semiconductor elements possessing a Zener characteristic.

CONSTITUTION: A programmable ROM is made up of: a Zener diode 4 acting as a memory device; a trimming pad 1 which applies a voltage pulse to the Zener diode 4; a resistor 2 for improving the electrostatic withstanding capacity of the ROM; a resistor 3 which applies a reverse voltage to the Zener diode 4; and a comparator 5 for comparing a voltage across the Zener diode 4 with a predetermined value. Thereby, it is possible to improve the electrostatic withstanding capacity of the programmable ROM.

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